



DEPARTMENT OF THE NAVY

NORTHERN DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
10 INDUSTRIAL HIGHWAY
MAIL STOP, #82
LESTER, PA 19113-2090

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NWIRP CALVERTON NY
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IN REPLY REFER TO

5090
Code 1821/JC

24 SEP 1998

MEMORANDUM

FOR THE MEMBERS OF THE RESTORATION ADVISORY BOARD (RAB) FOR THE INSTALLATION RESTORATION PROGRAM AT NAVAL WEAPONS INDUSTRIAL RESERVE PLANT (NWIRP) CALVERTON, NEW YORK

The Navy is forwarding a copy of an Engineering Evaluation/Cost Analysis (EECA) Report that was prepared to evaluate different technologies for the removal of floating free-product at various sites located at NWIRP Calverton.

The Navy recognizes that the existence of free-product tends to reduce the effectiveness of groundwater remedies. Therefore, prior to the installation of any remedial systems to address groundwater contamination, the Navy has decided at this time to initiate non-time critical removal actions over the next few years to try and reduce or eliminate the amount of free-product that exists at some of the Navy's IR sites.

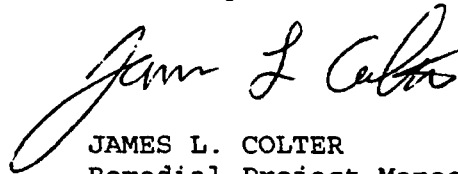
Previous investigations conducted by the Navy confirmed the presence of free-product at Site 2 - Fire Training Area, Site 6A - Fuel Calibration Area, Site 7 - Fuel Depot, and Site 10B - Engine Test House. One of the goals of this report was to determine if enough free-product still remained at these sites to warrant the installation of recovery systems since Northrop Grumman had been performing product recovery from the mid-1980's until they terminated their operations in 1996. If installation of a recovery system seemed warranted, then another goal of the report was to recommend an alternative that would be highly effective, implementable, economical, and would comply with appropriate regulatory requirements.

The report concluded that enough free product still remained at Sites 2 and 6A to warrant the installation of a recovery system at both sites. The Navy anticipates awarding a contract for implementation of the proposed remedy for Sites 2 and 6A some time during the early months of fiscal year 1999, which begins October 1, 1998. The work will be performed by the Foster Wheeler Environmental Corporation, our Remedial Action Contractor (RAC), but because of the preparation and submission of workplans and design specifications, the actual installation of the FPR systems may not occur until Spring 1999.

However, at Sites 7 and 10B, free product could not be identified at levels that would warrant the need for an interim action as only trace amounts of free product were observed. Therefore, at this time, no action regarding free product has been recommended for these sites since the implementation of any alternatives would require a high expenditure for installation and maintenance of a recovery system but would not be very effective in the removal of free product. It is the Navy's position that the trace amounts of free-product will be effectively remediated as part of the final remedial actions taken at these sites.

Any comments regarding this report should be forwarded as soon as possible to me either in writing or by fax to (610) 595-0555. If you have any other questions or require additional information, please give me a call at (610) 595-0567, extension 163.

Sincerely,



JAMES L. COLTER
Remedial Project Manager
By direction of the
Commanding Officer

Enclosure

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